

WIDE RANGE STEEL FITTINGS



VERSIONS	LSN10 / LSN10-D / LSN40	
	STANDARD	OPTIONS
NOMINAL SIZES DN	300 - 2000 and bigger	
PN	From PN 6 to PN 25 (and higher ratings)	
MEDIUM	Potable and raw water	Sea water
BODY	Carbon steel	
COMPRESSION RINGS	Carbon steel	
SEALING GASKETS	EPDM rubber	NBR, NEOPRENE
COMPRESSION BOLTS	Steel with dacromet coating	Grade 304/316 stainless steel
COATING	Rilsan Nylon 11	
RANGE Ø d	30 mm	50 mm
ANGULAR DEFLECTION	From DN300 to DN1000 = +/-3° on each side with coupling ends*	
ANGULAR DEFLECTION	From DN1000 to DN2000: +/-2° on each side with coupling ends*	
	* average datum in the middle of the range	
FOR FLANGED VERSION	EN 1092	Flanges according to different standards on request
FLANGES	PN 6, PN 10, PN 16, PN 25 (PN 40 and higher)	

DESIGN FEATURES OF WIDE RANGE STEEL FITTINGS



① Central body

Carbon steel central body conveniently built in order to allow a perfect insertion of the gasket inside its dedicated conical seat.

② Compression ring

Carbon steel compression followers which allow compression of the gasket onto the pipe surface upon tightening the bolts.

③ Gasket

Truncated-cone sealing gasket which can be perfectly inserted between the central body of the coupling and the circumference of the pipe. It allows a complete hydraulic seal and a 30 mm or 50 mm tolerance range on the pipe OD.

④ Bolt holes

Round or square holes for the bolt insertion.

⑤ Compression bolts

The compression bolts allow the approaching of the compression flanges and the consequent compression of the gasket onto the pipe.

⑥ Connection flange (Flanged version)

Carbon steel flange.

⑦ Separate bolt version

Independent tightening of the bolts, improves the coupling alignment and the performance of the gasket.